

P a t e n t C l a i m s :

1. A method of transmitting voice information from an
5 electronic communications device (1), said method comprising the steps of

- receiving said voice information from the environment of the device together with a first background sound,
- 10 • generating a sound signal having a first signal part representing the voice information and a second signal part representing the first background sound,
- reducing the signal part representing the first background sound, and
- 15 • transmitting said sound signal through a communications channel to which the device is connected,

c h a r a c t e r i z e d in that the method further comprises the step of adding to said sound signal an additional signal representing a second background sound.

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2. A method according to claim 1, c h a r a c t e r -
i z e d in that the step of adding an additional signal representing the second background sound is performed in said electronic communications device (1).

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3. A method according to claim 1 or 2, c h a r a c t e r i z e d in that the step of adding the additional signal comprises replaying a pre-recorded background sound stored in the device (1).

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4. A method according to claim 1, c h a r a c t e r -
i z e d in that the step of adding an additional signal representing the second background sound is performed in said communications channel.

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5. A method according to claim 1, c h a r a c t e r -
i z e d in that the signal part representing the first
background sound is reduced to a level where the back-
ground sound is substantially removed.

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6. An electronic communications device (1) for transmis-
sion of voice information, comprising

- transducer means (2) for receiving the voice infor-
mation from the environment of the device together
10 with a first background sound, and for generating a
sound signal comprising a first signal part repre-
senting the voice information and a second part rep-
resenting the first background sound,
- means (5) for reducing the signal part representing
15 the first background sound, and
- means (7, 8) for transmitting the sound signal
through a communications channel to which the device
is connected,

c h a r a c t e r i z e d in that it further comprises
20 means (9, 10) for adding to said sound signal an addi-
tional signal representing a second background sound.

7. An electronic communications device according to claim
6, c h a r a c t e r i z e d in that the means (9, 10)
25 for adding an additional signal comprises means for play-
back of audio signals.

8. An electronic communications device according to claim
7, c h a r a c t e r i z e d in that the device fur-
30 ther comprises means (13) for storing a pre-recorded
background sound in the device.

9. An electronic communications device according to claim
8, c h a r a c t e r i z e d in that the device fur-
35 ther comprises means (14) for recording a background
sound for storage in the device.

15. An electronic communications device according to any
35 one of claims 6-14, c h a r a c t e r i z e d in that
the device is a mobile telephone.